Task D.1 Commentary on Summative Assessment

I based the evaluation criteria on the concept objectives each student needed to demonstrate an understanding of geometry, in order to accomplish the goal of improving their math skills. I wanted Students A and B to apply their learning to new situations and to understand the connections between concepts. I wanted the material to be challenging, but not intimidating. I wanted the students to be successful and feel confident.

The assessment was designed to accommodate the particular learning needs of Student A and B. There were limited problems on each page of the test. I provided the opportunity for the students to make choices, by including multiple-choice items. I read the test aloud and I asked if there were any questions before they started. I wanted to be sure that the students were clear about what they had to do. Although I incorporated one hands-on example, that required the use of a ruler, I should have incorporated more examples that were tactile for Student B. On question eight, I provided a visual next to the item so all of the students could use it, to assist in formulating the correct response.

At the start of the unit, I informed the students about what they would be able to do once we completed all of the lessons. I also reminded them daily, that they were producing good class work, homework and they had great participation in class. I assured them that with continued practice and participation they would do extremely well on their final assessment.

There were portions of the test that I would have changed. I did not include all the objectives that I set out to assess. I did not test the students' ability to name lines, line segments, rays, or identification of sides of polygons as line segments. I also did not ask any questions that required a written explanation. I should have included some open-ended questions. Before the students started the test, I should have asked them to restate what they had to do. These additional items would have given a more accurate picture of the students' understanding of the concepts taught.

Summative Scoring Criteria

Identify figures:
#1) 1 point #2) 1 point #3) 1 point

Name the angle:
#4) 1 point (vertex in the middle)

Type of angle:
#5) 1 point +1 (if exactly 90 included)

Type of lines:
#6) 2 points = 1 pt (A) 1 pt (B)

Draw and label angle:
#7) 2 points (1 point drawing, 1 point labeling)

Vocabulary:
#8) 1 point
#9) 1 point

Types of angles:
#10) 3 points (1 point each angle A,B,C)

Naming angles (last page):
18 points (1 point for each correct name)

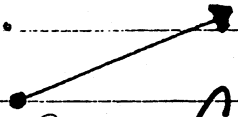
Geometry Test

Summative Assessment Student A

Nan _____ Date _____

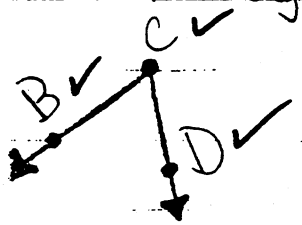
Identify the following figures $\frac{30}{32} = 94\%$ A
Wonderful work!

#1. 
line segment C

#2. 
ray C

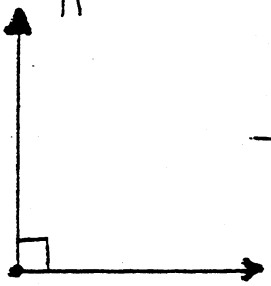
#3. 
Vertical line C

#4. Name the angle ∠BCD



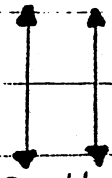
You put the vertex (C) in the middle.

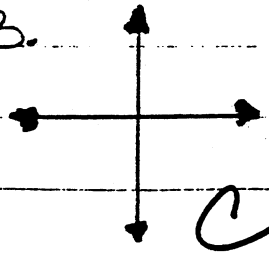
#5. What type of angle is this?



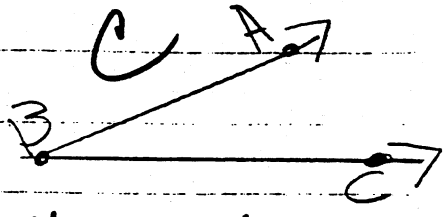
C
right angle

#6. What type of lines are these:

A. 
Parallel C

B. 
Perpendicular C

#7. Draw an acute angle named ∠ABC.

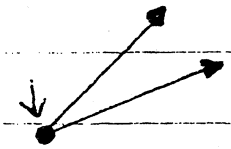


C

Your acute angle is named properly ☺

#8. The point at which two lines intersect is called a _____.

X (a) endpoint (b) angle (c) ✓ vertex



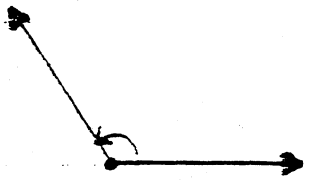
example figure

#9. What figure is formed when you connect four right angles?

(a) triangle (b) ● square (c) polygon

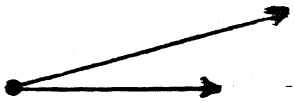
#10. What type of angles are these.

(A)



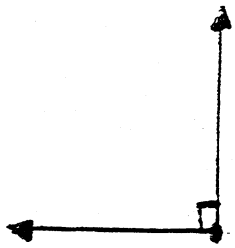
Obtuse angle C

(B)



Acute angle C

(C)



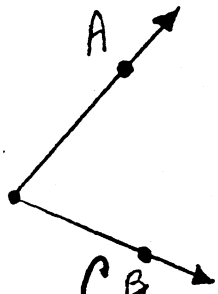
Right angle C

e _____ Date _____

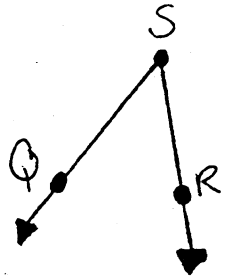
Summative Assessment Student A

You did a nice job naming these angles. The vertices are in the middle.

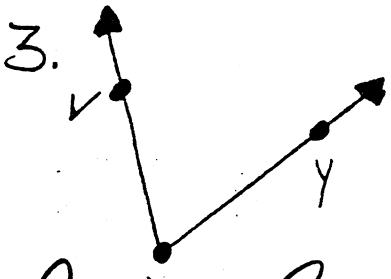
me the angles below.



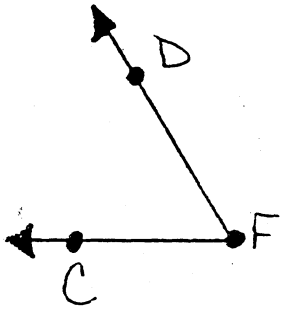
∠ABC or ∠CBA

2. 

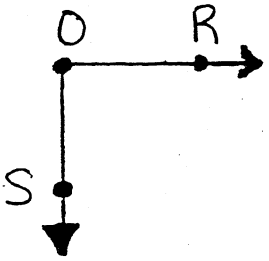
∠QSR or ∠RSQ

3. 

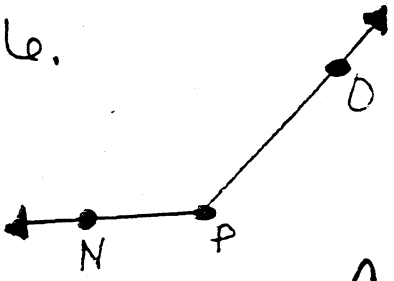
∠VXY or ∠YXV



∠DFC or ∠CFD

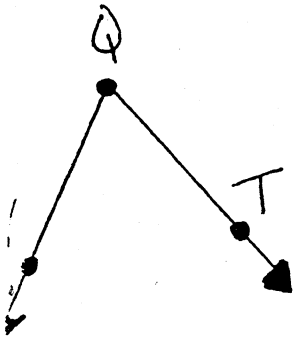
5. 

∠SOR or ∠ROS

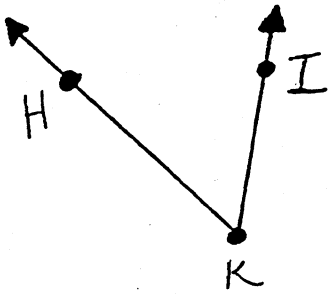
6. 

∠NOP or ∠OPN

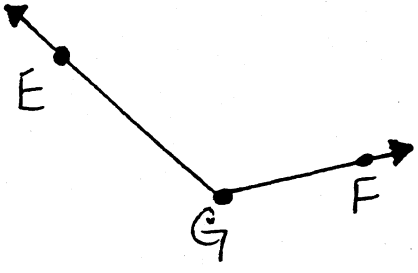
Keep the vertex (P in the middle.



∠QTR or ∠RTQ

8. 

∠HKI or ∠IKH

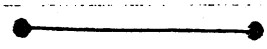
9. 

∠EGF or ∠FGE

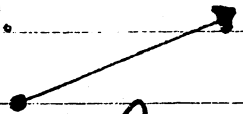
Geometry Test

Na Summative Assessment Student B Dc

Identify the following figures $\frac{30+1}{32} = 97\%$ A+ Excellent Performan

#1. 

line Segment C

#2. 

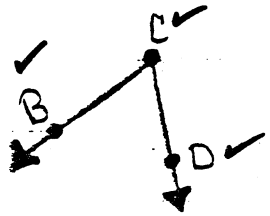
ray C

#3. X 

Vertica

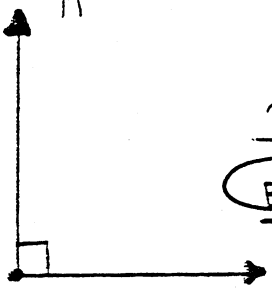
Horizontal line

#4. Name the angle ∠BCD



You kept your vertex in the middle.

#5. What type of angle is this?

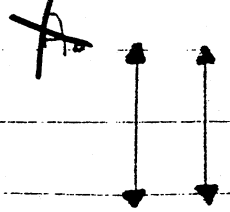


Right Angle ✓

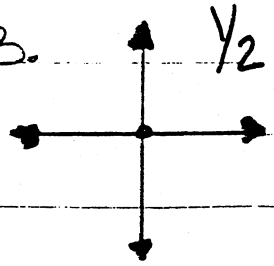
Exactly 90° + 1

You gave extr information. ☺ Nice Job!

#6. What type of lines are these:

A. 

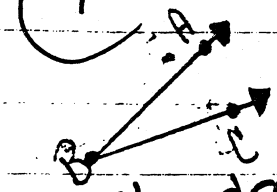
Perpendicular line

B. 

Intersect or vertex

You are correct! They are intersecting. I was looking for perpendicular. You get partial credit.

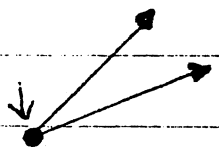
#7. Draw an acute angle named ∠ABC.



You drew an acute angle and nam it properly.

#8. The point at which two lines intersect is called a Vertex C.

ⓐ endpoint ⓑ angle ⓒ vertex



example figure

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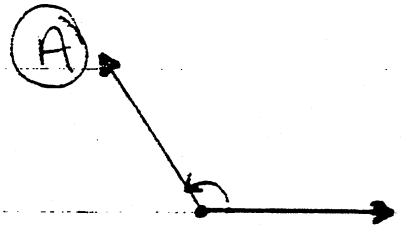
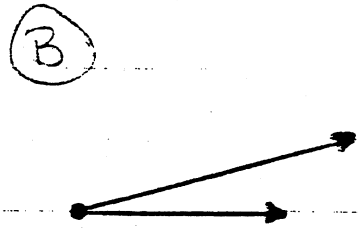


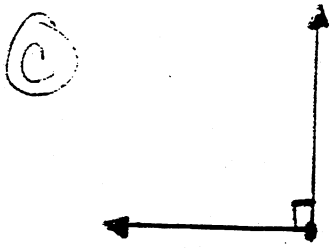
Obtuse Angle

C



Acute Angle

C



Right Angle

C

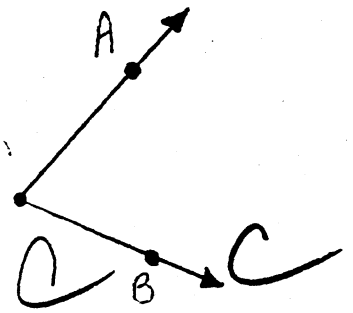
e _____ Date _____

Summative Assessment Student B

Excellent Job!
you kept your vertex in the middle of each nam

me the angles below.

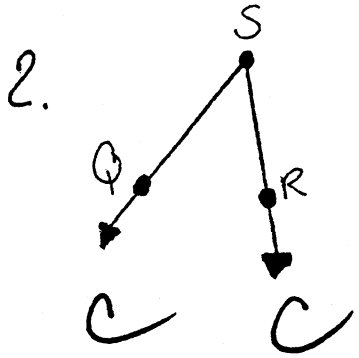
1.



∠ ∠

∠ABC or ∠CBA

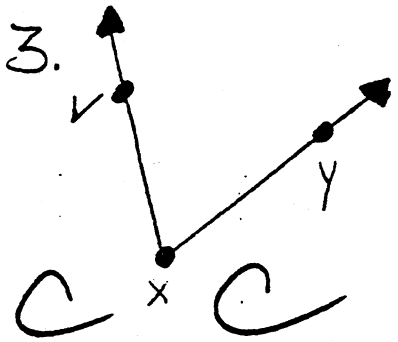
2.



∠ ∠

∠QSR or ∠RSQ

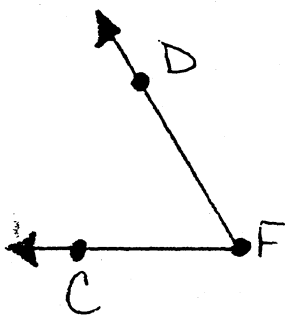
3.



∠ ∠

∠VXY or ∠YXV

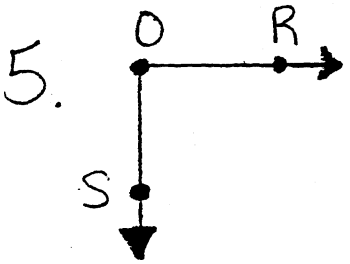
4.



∠ ∠

∠DFC or ∠CFD

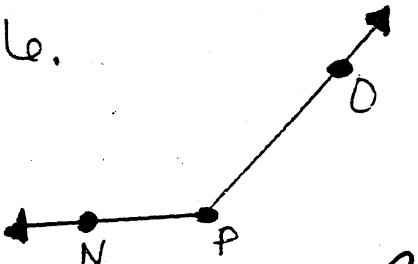
5.



∠ ∠

∠SOR or ∠ROS

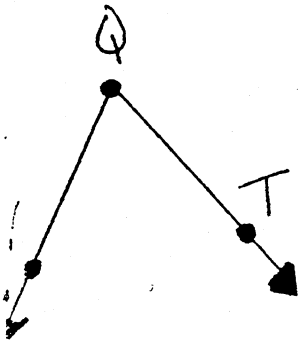
6.



∠ ∠

∠NPO or ∠OPN

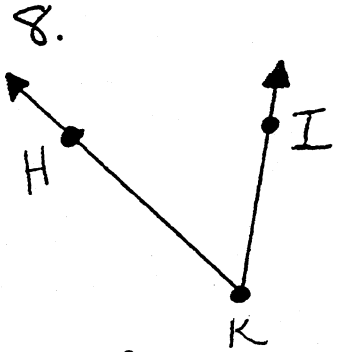
7.



∠ ∠

∠VQT or ∠TQV

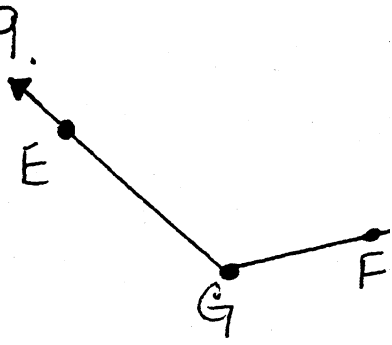
8.



∠ ∠

∠HKI or ∠IKH

9.



∠ ∠

∠EGF or ∠FG